

**POWER CABLE
Cu, EPR insulated, PVC bedding, SWA, PVC outer sheath
IEC60332.3, IEC60502**

Type	F-Cu/EPR/PVC/SWA/PVC 0,6/1Kv FG7ORFR 0,6/1Kv	2X 50
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size Diam. 9,4 mm	
Insulation :	Cross-linked HEPR extruded compound Thickness : 1 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to core, color Blue - Brown (or to be agreed)	

Overall screen

Bedding :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,0 mm	
Armor :	SWA, Galvanized steel round wires Thickness : 0,9 mm	
Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Black (or to be agreed) Thickness : 2,0 mm Overall diameter : 35 mm Total weight : 2100 Kg/Km	

Marking :

On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.

Performance :	- Conductor resistance 0,386 ohm/Km (+ 5% for multipair) - Test voltage core to core 4 Kv - Flame retardant according to IEC60332-3-24, CEI20-22/3 - Low smoke and fume as per IEC60754-1, CEI20-37 - HCL emission <= 22% - Minimum bending radius 14 V. D. - Hydrocarbon resistant	
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Weight and diameter are theoretical + / - 10%